



Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #74—December 8, 2008

Work Completed: November 20 – December 3, 2008

- Completed grading activities associated with the island area located between the East and West Channel of the Former Plainwell Dam. Activities included the removal of concrete filled gabion baskets (installed during the September flood), uniform grading of the island, and the removal of river run rock above the two year dam outflow elevation. In addition, disturbed areas were covered with six inches of topsoil.
- Continued post-construction activities in Removal Area 13B, including the completion of final grading and topsoil placement.
- Continued post-construction activities in Removal Area 13A, including final grading and topsoil placement.
- Continued removing soil and sediment from Removal Area 13A.
- Continued removing sediment from the Phase 2 Cofferdam Area.
- Continued solidifying soil and sediment at Staging Areas 4N.
- Continued loading and transporting solidified soil/sediment material from Staging Area 4N to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continued decommissioning the WCS, including the steel sheeting removal activities and the complete removal of the remaining catwalk, cross bracing, and steel H-Piles.
- Began removing the temporary access structure that connects Removal Area 13A to the island area between the East and West Channel of the Former Plainwell Dam.
- Due to the Thanksgiving Holiday, all site activities were suspended November 27 through November 30.

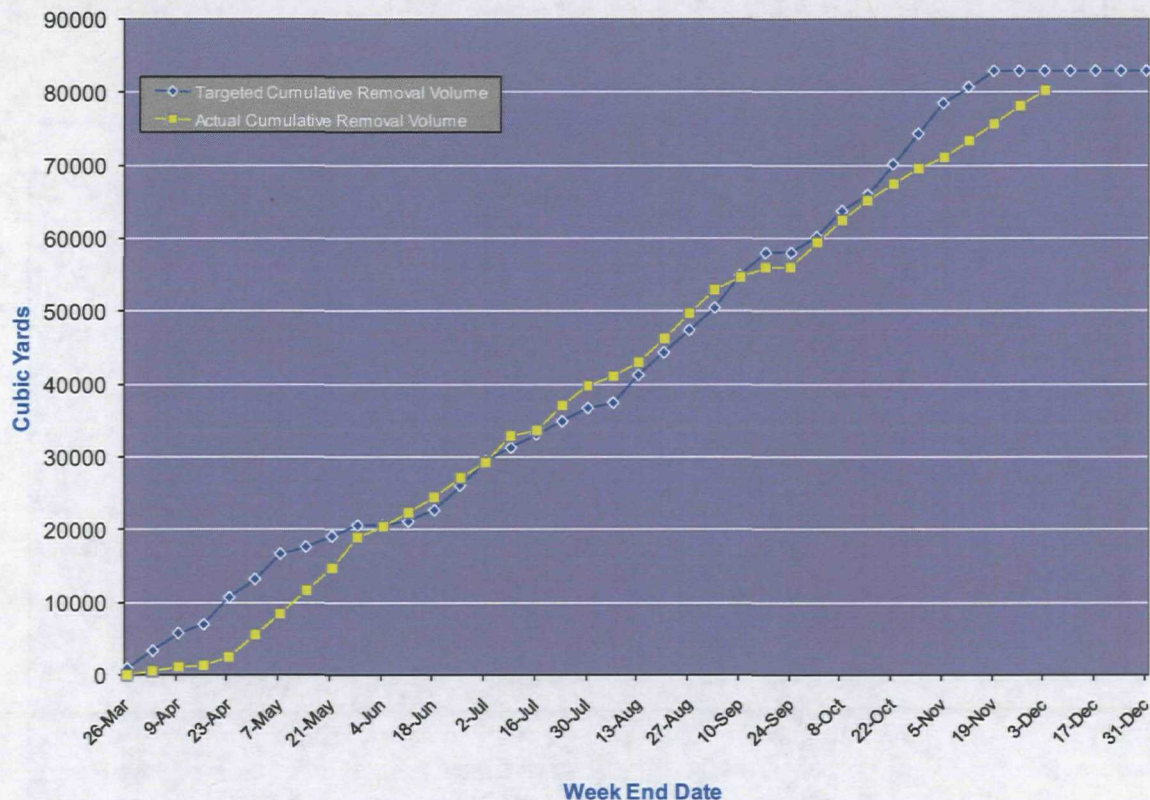
Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	875	0	2,590	74
2008 Total	16,065	459	63,840	1,824
Project Total to Date	19,075	545	99,855	2,853

Note: All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: December 4 – December 10, 2008

- Continue excavating soil and sediment from Removal Area 13A.
- Continue excavating soil and sediment from behind the Phase 2 Cofferdam.
- Continue the removal of the temporary access structure that connected Removal Area 13A to the island area located between the East and West Channel of the Former Plainwell Dam.
- Continue solidifying soil/sediment at Staging Area 4N.
- Continue loading and transporting solidified soil/sediment material from Staging Area 4N to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue decommissioning the WCS, including removing remaining steel sheeting.

Removal Progress



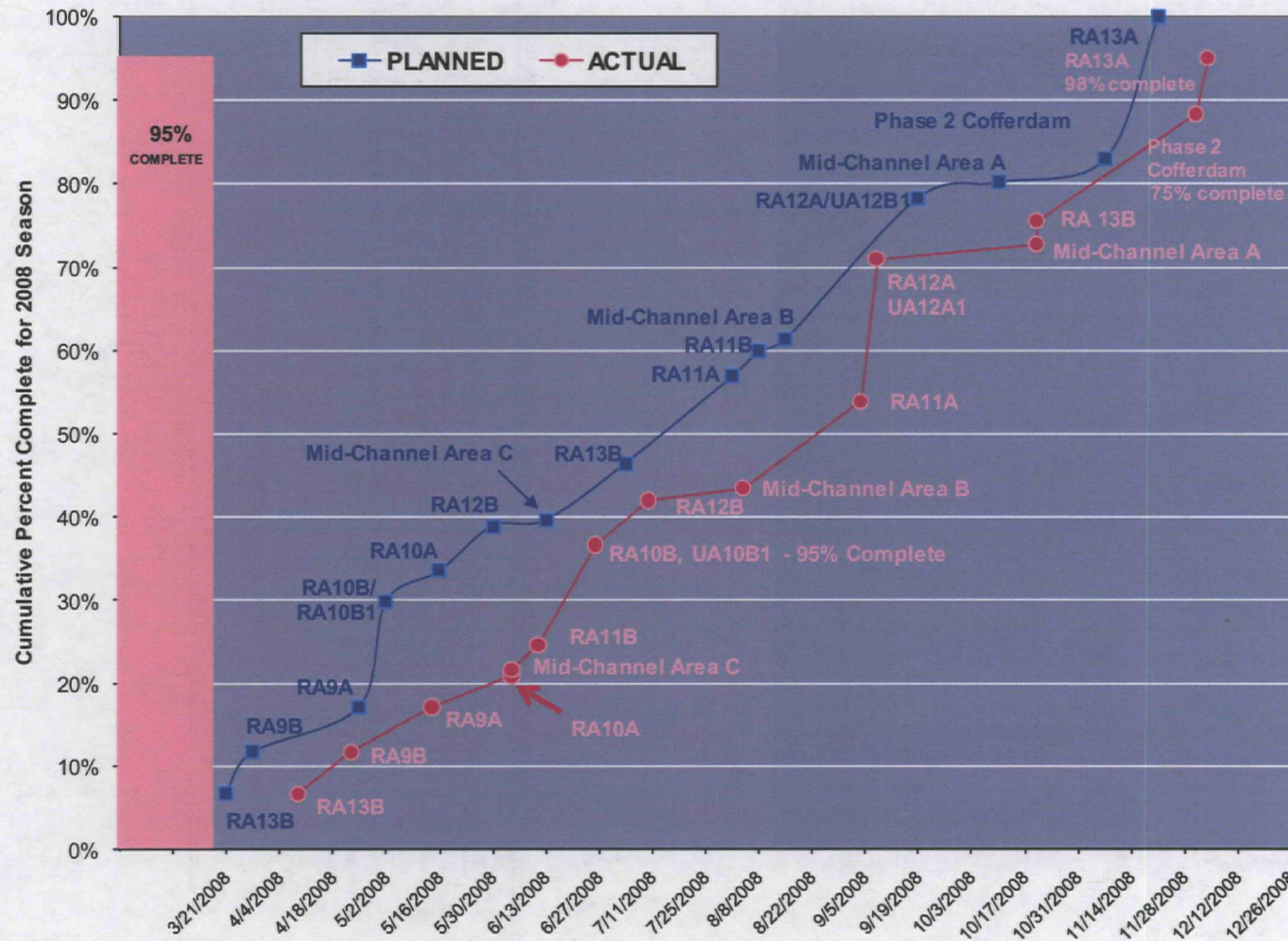
Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

In Plainwell Weekly Construction Reports published between July 14 and October 13, 2008 (Reports #55 through #67), this graph incorrectly depicted the cumulative removal volume. During that period, the incremental increase added each week reflected only additional TSCA material removed, rather than total volume removed to date. Beginning with Report #68 on October 20, 2008 this Removal Progress graph now correctly displays total cumulative volume removed in the 2008 construction season.

Removal Progress



Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

Health & Safety Update

- 6 Loss Prevention Observations (LPOs) were completed during this period.
A total of 266 LPOs have been completed for the project to date.

Weather Summary

- Hauling operations were suspended on December 1st due to snow-covered highways.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 16,755 gallons (Staging Area 4N)

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☒ Yes ☐

Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None

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Equipment on Site

Equipment	11/20/08	11/21/08	11/22/08	11/23/08	11/24/08	11/25/08	11/26/08
Komatsu PC-300 Excavator	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	-	-	-	-	-	-	-
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	-	-	-	-	-	-	-
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

Equipment	11/27/08	11/28/08	11/29/08	11/30/08	12/1/08	12/2/08	12/3/08
Komatsu PC-300 Excavator	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	2	2	2	2	1	1	1
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	-	-	-	-	-	-	-
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
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40' Self Propelled Work Barge	1	1	1	1	-	-	-
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	-	-	-	-	-	-	-
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

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Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	11/20/08	11/21/08	11/22/08	11/23/08	11/24/08	11/25/08	11/26/08
Terra Contracting Staff	20	18	6		18	18	18
Jim Saric/USEPA						X	
Michael Berkoff/USEPA							
Sam Borries/USEPA	X						
Mike Ribordy/USEPA OSC	X					X	X
Mick Hans/USEPA						X	
Paul Bucholtz/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							
Sharon Hanshue/MDNR							
Chris Frieburger/MDNR							
Weston Contractors	X	X			X	X	X
CDM Contractors							
Chase Fortenberry/KRSG							
Mark Brown/KRSG							
David Guier/KRSG	X						
Gary Griffin/KRSG	X					X	
Chuck Barnes/ARCADIS							
Steve Garbaciak/ARCADIS							
Anthony Esposito/ARCADIS							
Mike Erickson/ARCADIS	X					X	
Scott Marcus/ARCADIS							
Matt Bowman/ARCADIS							
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X			X	X	X
Michelle Rumler/ARCADIS	X	X			X	X	X
Joe Willoughby/ARCADIS	X	X	X		X	X	X
Chad Van Coillie/ARCADIS					X		
Nick Harmer/ARCADIS							
MDEQ Sample Team							
<i>Other Subcontractors (Specify)</i>							
King Co.	5	5			5	5	5
JF New							

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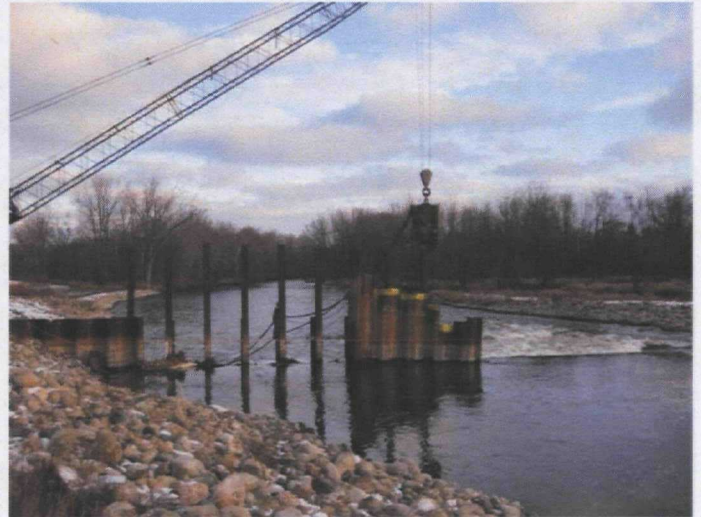
Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	11/27/08	11/28/08	11/29/08	11/30/08	12/1/08	12/2/08	12/3/08
Terra Contracting Staff					15	15	15
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Sam Borries/USEPA							X
Mike Ribordy/USEPA OSC							X
Karl Gustavson/US ARMY ERDC							
Paul Bucholtz/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							
Sharon Hanshue/MDNR							
Chris Frieberger/MDNR							
Weston Contractors					X	X	X
CDM Contractors							X
Chase Fortenberry/KRSG							
Mark Brown/KRSG							
David Guier/KRSG							
Gary Griffin/KRSG							X
Chuck Barnes/ARCADIS							
Steve Garbaciak/ARCADIS						X	
Anthony Esposito/ARCADIS							
Mike Erickson/ARCADIS							
Scott Harcus/ARCADIS							
Matt Bowman/ARCADIS							
EJ Suardini/ARCADIS					X	X	X
Mike Kohagen/ARCADIS					X	X	X
Michelle Rumler/ARCADIS					X	X	X
Joe Willoughby/ARCADIS					X	X	X
Chad Van Coillie/ARCADIS						X	X
Nick Harmer/ARCADIS						X	X
MDEQ Sample Team							
<i>Other Subcontractors (Specify)</i>							
King Co.					7	7	7
JF New							

Photos from November 20 – December 3, 2008



Installing topsoil on the island between the East and West Channel of the Former Plainwell Dam.



Decommissioning the Water Control Structure.



Installing topsoil in Removal Area 13A.



Excavating soil and sediment from the Phase 2 Cofferdam Area.

Targeted Removal Areas – Former Plainwell Impoundment

